

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER CARDE 64092
INTERNATIONAL APPLICATION NO. PCT/US03/10311		U.S. APPLICATION NO. (If known, see 37 CFR 1.52) 60/370,748
INTERNATIONAL FILING DATE 04 April 2003 (4.04.2003)		PRIORITY DATE CLAIMED 05 April 2002 (5.04.2002)
TITLE OF INVENTION THERAPEUTIC HYPOTHERMIA SYSTEM WITH INTRACARDIAC HEAT EXCHANGE CATHETER AND METHOD OF TREATING ACUTE MYOCARDIAL INFRACTION		
APPLICANT(S) FOR DO/EO/US CARDEON CORPORATION		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

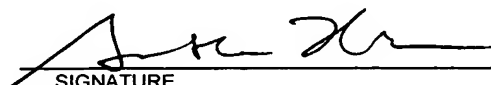
1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. 60/370,748 10/5/04	INTERNATIONAL APPLICATION NO. PCT/US03/10311	ATTORNEY'S DOCKET NUMBER CARDE.64092													
21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO..... \$1080.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT =		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 60%;">CALCULATIONS</th> <th style="width: 20%;">PTO USE ONLY</th> <th style="width: 20%;"></th> </tr> <tr> <td colspan="3" style="height: 100px;"></td> </tr> <tr> <td style="text-align: right;">\$ 950.00</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">\$ 0.00</td> <td></td> <td></td> </tr> </table>		CALCULATIONS	PTO USE ONLY					\$ 950.00			\$ 0.00		
CALCULATIONS	PTO USE ONLY														
\$ 950.00															
\$ 0.00															
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$ 0.00													
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE												
Total claims	51 - 20 =	31	X \$18.00												
Independent claims	3 - 3 =	0	X \$86.00												
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00												
TOTAL OF ABOVE CALCULATIONS =			\$ 1,508.00												
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.			\$ 754.00												
SUBTOTAL =			\$ 754.00												
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			\$ 0.00												
TOTAL NATIONAL FEE =			\$ 754.00												
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			\$ 0.00												
TOTAL FEES ENCLOSED =			\$ 754.00												
			Amount to be refunded: \$												
			Amount to be charged: \$												
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>754.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>21-0800</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.															
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.															
SEND ALL CORRESPONDENCE TO: Gunther O. Hanke Fulwider Patton Lee & Utecht, LLP 200 Oceangate, Suite 1550 Long Beach, CA 90802 U.S.A.															
			 SIGNATURE Gunther O. Hanke NAME 32,989 REGISTRATION NUMBER												



10/510402
DT04 Rec'd PCT/PTO 05 OCT 2004
PATENT

Practitioner's Docket No. CARDE.64092

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Cardeon Corporation

International Application No.: PCT/US03/10311

International Filing Date: 04 April 2003

Priority Date Claimed: 05 April 2002

For: THERAPEUTIC HYPOTHERMIA SYSTEM WITH INTRACARDIAC HEAT EXCHANGE
CATHETER AND METHOD OF TREATING ACUTE MYOCARDIAL INFRACTION

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EV548597745US
Date of Deposit 10/05/2004

I hereby state that the following *attached* paper or fee

Transmittal Letter to the U.S. Designated/Elected Office (DO/EO/US) Concerning A Submission
Under 35 U.S.C. 371 (2 sheets in duplicate);
Copy of International Application (21 sheets);
Copy of Drawings (11 sheets);
Check for \$754.00;
Return Postcard

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service
under 37 C.F.R. § 1.10, on the date indicated above and is addressed to Mail Stop PCT, Commissioner for
Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Rosemary Kaiwi

Signature of person mailing paper or fee